

Title (en)  
OPTICAL FIBER CONNECTION SYSTEM

Title (de)  
GLASFASERVERBINDUNGSSYSTEM

Title (fr)  
SYSTÈME DE CONNEXION DE FIBRES OPTIQUES

Publication  
**EP 2753962 A2 20140716 (EN)**

Application  
**EP 12830715 A 20120907**

Priority  
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• US 2012054274 W 20120907

Abstract (en)  
[origin: WO2013036843A2] An optical fiber connection system includes a first and a second optical fiber, each with end portions that are terminated by a first and a second fiber optic connector, respectively. A fiber optic adapter connects the first and the second fiber optic connectors. The fiber optic adapter includes a housing and a fiber alignment apparatus. The fiber alignment apparatus includes V-blocks and gel blocks. Each of the fiber optic connectors includes a connector housing and a sheath. The end portions of the optical fibers are positioned beyond distal ends of the respective connector housings. The sheath is slidably connected to the connector housing and slides between an extended configuration and a retracted configuration. The sheath covers the end portion of the respective optical fiber when the sheath is at the extended configuration and exposes the end portion when at the retracted configuration. The end portions of the optical fibers are cleaned when slid between the V-blocks and the gel blocks.

IPC 8 full level  
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